L Number	Hits	Search Text	DB	Time stamp
-	2	"20040051178"	USPAT;	2004/10/05
			US-PGPUB; EPO; JPO;	09:41
		•	DERWENT;	
			IBM_TDB	
-	4	"6657305"	USPAT;	2004/10/05
			US-PGPUB;	09:45
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB	0004/10/05
-	1		USPAT	2004/10/05
	1		USPAT	09:41 2004/10/05
_	*		USPAI	09:42
_	1		USPAT	2004/10/05
	1		001111	09:42
_	1		USPAT	2004/10/05
			·	09:43 ·
_	1		USPAT	2004/10/05
				09:43
-	1		USPAT	2004/10/05
		0-44,20001101 and liketanasani and	HCDAE.	09:43
-	1	<pre>@ad<=20001101 and 'interconnect' and 'recessed mask'</pre>	USPAT; US-PGPUB;	11:41
		recessed mask	EPO; JPO;	11.41
		·	DERWENT;	1
			IBM TDB	
_	451	@ad<=20001101 and 'interconnect' and 'low	USPAT;	2004/10/05
		k' and 'mask'	US-PGPUB;	09:56
			EPO; JPO;	1
			DERWENT;	
			IBM_TDB	2004/10/05
-	76	<pre>@ad<=20001101 and 'interconnect' same 'low k' same 'mask'</pre>	USPAT; US-PGPUB;	2004/10/05
		1 TOW K' Same 'mask'	EPO; JPO;	10.28
			DERWENT;	
1			IBM TDB	
_	11	@ad<=20001101 and 'recessed mask'	USPAT;	2004/10/05
			US-PGPUB;	10:27
			EPO; JPO;	
			DERWENT;	
	71	@ad<=20001101 and 'interconnection' and	IBM_TDB USPAT;	2004/10/05
-	'1	'mask layer' and 'cap layer'	US-PGPUB;	11:52
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	5	@ad<=20001101 and 'interconnection' and	USPAT;	2004/10/05
		'prevent' same 'high electrical fields'	US-PGPUB; EPO; JPO;	10:50
			DERWENT;	1
			IBM TDB	
_	6	@ad<=20001101 and 'low k' and 'Si' adj1	USPAT;	2004/10/05
		'C' adj1 'H' and 'cap'	US-PGPUB;	10:55
			EPO; JPO;	
			DERWENT;	
		0244-20001101 224 1841 2441 181 2441 181	IBM_TDB USPAT;	2004/10/05
1 -	8	@ad<=20001101 and 'Si' adj1 'C' adj1 'H' and 'cap'	US-PGPUB;	10:55
		and Cap	EPO; JPO;	-3.33
			DERWENT;	
		· ·	IBM_TDB	
-	1	@ad<=20001101 and 'Si:C:H' and 'cap'	USPAT;	2004/10/05
1			US-PGPUB;	10:55
			EPO; JPO;	
			DERWENT; IBM TDB	
L	L	<u></u>	םתו זיחד	L

Search History 10/5/04 3:57:29 PM Page 1

-	26	@ad<=20001101 and 'Si' adj1 'C' adj1 'H' and 'mask'	USPAT; US-PGPUB; EPO; JPO;	2004/10/05
-	29	@ad<=20001101 and 'damascene' and 'low-k' and 'hardmask'	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/10/05 11:04
-	355	@ad<=20001101 and (438/623).ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/10/05
-	2507	@ad<=20001101 and (438/624).ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/10/05 12:09
-	247	@ad<=20001101 and (438/625).ccls.	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/10/05 11:46
-	324	@ad<=20001101 and (438/626).ccls.	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/10/05 11:46
-	466	@ad<=20001101 and (438/627).ccls.	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/10/05 11:47
	153	@ad<=20001101 and (438/628).ccls.	EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/10/05
_	954	@ad<=20001101 and (438/643).ccls.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/10/05
	180	@ad<=20001101 and (438/644).ccls.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	11:48
			US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	11:47
-	150	@ad<=20001101 and (438/645).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/05
-	1503	@ad<=20001101 and (438/690-692).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/10/05 11:49
-	1136	@ad<=20001101 and (438/637).ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/10/05 12:09
-	402	@ad<=20001101 and (438/397).ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/10/05 11:50
-	1		IBM_TDB USPAT	2004/10/05

1					
1	-	1	·	USPAT	2004/10/05
1 1:51 2004/10/05 11:52 2004/10/05 11:52 2004/10/05 11:52 2004/10/05 11:52 2004/10/05 11:52 2004/10/05 11:52 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 2004/10/		_			
- 1 1 2004/10/05 11:52	-	1		USPAT .	
1					
- 1 1 218 @ad<=20001101 and 'interconnection' same 'undercut' Uspat 2004/10/05 11:52 2004/10/05 11:52 2004/10/05 11:52 2004/10/05 11:52 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05	-	1		USPAT	2004/10/05
1				•	11:52
- 218 @ad<=20001101 and 'interconnection' same 'undercut' USPAT; USPGEWENT; IBM TDB USPAT; USPAGENT; IBM TDB USPAT; USPAT; USPAGENT; IBM TDB USPAT; USPAGENT; IBM	-	1		USPAT	2004/10/05
- 218 @ad<=20001101 and 'interconnection' same 'undercut'					11:52
11:52 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 11:53 2004/10/05 2004/10/0	-	1		USPAT	2004/10/05
'undercut'					11:52
'undercut'	_	218	@ad<=20001101 and 'interconnection' same	USPAT;	2004/10/05
EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; USPA			'undercut'	· ·	
DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB					
- 0 @ad<=20001101 and 'low k' and 'interconnection' same 'undercut' US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; I2:07 EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; I2:07 EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; U					
- 0 @ad<=20001101 and 'low k' and 'interconnection' same 'undercut' US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT					
'interconnection' same 'undercut'	<u>_</u>	ا م	@ad<=20001101 and 'low k' and	_	2004/10/05
- 58 @ad<=20001101 and 'dielectric' and 'Interconnection' same 'undercut' US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB			interconnection same underedt	•	11.55
- 58 @ad<=20001101 and 'dielectric' and 'USPAT; 2004/10/05 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; I2:07 US-PGPUB; I2:07 US-PGPUB; IBM_TDB USPAT; US-PGPUB; I2:09 USPAT; US-PGPUB; I2:09 USPAT; US-PGPUB; I2:09 USPAT; US-PGPUB; I2:09 USPAT; US-PGPUB; IDM_TDB USPAT; IDM_TDB USPA					
- 58 @ad<=20001101 and 'dielectric' and 'interconnection' same 'undercut' - 141 @ad<=20001101 and 'copper' same 'uspAT; Us-PGPUB; EPO; JPO; DERWENT; IBM TDB UspAT; Us-PGPUB; EPO; JPO; DERWENT; IBM					
'interconnection' same 'undercut'		E 0	And <= 20001101 and Idiologenia! and		2004/10/05
EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT; USPAT; IBM_TDB USPAT; IBM	-	50		·	
- 141 @ad<=20001101 and 'copper' same			Interconnection same undercut		12:05
- 141 @ad<=20001101 and 'copper' same 'interconnection' and 'diffusion barrier' and 'low dielectric' US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05 12:07 - 58 @ad<=20001101 and 'copper' same 'interconnection' and 'diffusion barrier' and 'low dielectric' and 'mask' US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05 12:07 - 483 @ad<=20001101 and (438/633).ccls. US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05 12:09 - 360 @ad<=20001101 and (438/638).ccls. USPAT; 2004/10/05					
- 141 @ad<=20001101 and 'copper' same 'interconnection' and 'diffusion barrier' and 'low dielectric'			'		
'interconnection' and 'diffusion barrier' and 'low dielectric' - 58 @ad<=20001101 and 'copper' same 'interconnection' and 'diffusion barrier' and 'low dielectric' and 'mask' - 483 @ad<=20001101 and (438/633).ccls. - 483 @ad<=20001101 and (438/633).ccls. - 360 @ad<=20001101 and (438/638).ccls. 12:07 EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 12:09 EPO; JPO; DERWENT; IBM_TDB 12:09					0004/20/05
and 'low dielectric' - 58 @ad<=20001101 and 'copper' same 'interconnection' and 'diffusion barrier' and 'low dielectric' and 'mask' - 483 @ad<=20001101 and (438/633).ccls. - 483 @ad<=20001101 and (438/633).ccls. - 360 @ad<=20001101 and (438/638).ccls. - 2004/10/05 EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT;	ļ -	141			
DERWENT; IBM_TDB USPAT; US-PGPUB; and 'low dielectric' and 'mask' - 483 @ad<=20001101 and (438/633).ccls. Gad<=20001101 and (438/638).ccls. DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT;				·	12:07
- 58 @ad<=20001101 and 'copper' same 'interconnection' and 'diffusion barrier' and 'low dielectric' and 'mask' - 483 @ad<=20001101 and (438/633).ccls. - 483 @ad<=20001101 and (438/633).ccls. - 360 @ad<=20001101 and (438/638).ccls. IBM_TDB			and 'low dielectric'		1
58 @ad<=20001101 and 'copper' same 'interconnection' and 'diffusion barrier' and 'low dielectric' and 'mask' - 483 @ad<=20001101 and (438/633).ccls. Gad<=20001101 and (438/638).ccls. Gad<=20001101 and (438/638).ccls. Gad<=20001101 and (438/638).ccls. Gad<=20001101 and (438/638).ccls. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;		i			
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and 'low dielectric' and 'mask' - 483 @ad<=20001101 and (438/633).ccls. EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT; 2004/10/05 - 360 @ad<=20001101 and (438/638).ccls. USPAT; 2004/10/05	-	58	@ad<=20001101 and 'copper' same		
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;		1		,	12:07
- 483 @ad<=20001101 and (438/633).ccls. IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05 12:09 12:09 13			and 'low dielectric' and 'mask'		
- 483 @ad<=20001101 and (438/633).ccls. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05					
US-PGPUB; 12:09 EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05				_	
EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/10/05	-	483	@ad<=20001101 and (438/633).ccls.		1
DERWENT; IBM_TDB USPAT; 2004/10/05	1			US-PGPUB;	12:09
- 360 @ad<=20001101 and (438/638).ccls. IBM_TDB USPAT; 2004/10/05				EPO; JPO;	
- 360 @ad<=20001101 and (438/638).ccls. USPAT; 2004/10/05		*	,	DERWENT;	
- 360 @ad<=20001101 and (438/638).ccls. USPAT; 2004/10/05				IBM TDB	
	_	360	@ad<=20001101 and (438/638).ccls.		2004/10/05
			,,,	US-PGPUB;	1
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DERWENT;			,		
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